

EX PARTE OR LATE FILED

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April 11, 2000

Ms. Magalie Roman Salas
Secretary
Federal Communications Commission
445 12th Street, SW
Washington, D.C. 20554

RECEIVED
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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Re: Written Ex Parte in CC Docket No. 98-121
and CC Docket No. 99-295

Dear Ms. Salas:

This is to inform you that BellSouth Corporation has made a written ex parte to Claudia Fox, a senior attorney in the Common Carrier Bureau's Policy and Program Planning Division, with a copy of that ex parte going also to William Agee. That ex parte consists of copies of BellSouth's Trouble Analysis Facilitation Interface (TAFI) User Guide and the Local Exchange Ordering - Implementation Guide (LEO-IG), both of which were recently updated to include findings and recommendations arising from KPMG's third-party testing of BellSouth's OSS.

Pursuant to Section 1.1206(b)(1) of the Commission's rules, for each of the dockets identified above, we are filing two copies of this notice and that written ex parte presentation. Please associate this notification with the record in each of those proceedings.

Sincerely,

Kathleen B. Levitz

Kathleen B. Levitz

Attachment

cc: Claudia Fox (w/o attachment)
William Agee (w/o attachment)

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List ABCDE

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April 11, 2000

WRITTEN EX PARTE

Ms. Claudia Fox
Policy and Program Planning Division
Common Carrier Bureau
Room 5-C235
Federal Communications Commission
The Portals
445 12th St. S.W.
Washington, D.C. 20554

Re: CC Docket No. 98-121 and CC Docket No. 99-295

Dear Ms Fox:

Attached are copies of BellSouth's Trouble Analysis Facilitation Interface (TAFI) User Guide and Local Exchange Ordering -Implementation Guide (LEO-IG), which have recently been updated to include findings and recommendations arising from KPMG's third-party testing of BellSouth's OSS. BellSouth filed the updated guides with the Georgia Public Service Commission on March 17, 2000. I am sending these filings to you in response to the request that BellSouth share with you documentation related to the third party-testing program currently underway in Georgia. If you have any questions after reviewing the documents, please call me at 202.463.4113.

Pursuant to Section 1.1206(b)(1) of the Commission's rules, for each of the dockets identified above, I am filing two copies of this written ex parte presentation with the Secretary of the Commission and requesting that it be associated with the record in those dockets.

Sincerely,



Kathleen B. Levitz

Attachments

cc: William Agee

Local Exchange Ordering (LEO) Implementation Guide — Volume 1

Network & Carrier Services

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toc

Introduction

This is Volume 1 document version 70, Mid March, 2000 edition , of the BellSouth Local Exchange Ordering-Implementation Guide (LEO-IG). The purpose of this IG is to provide a common point of reference to simplify the electronic ordering process for CLECs that conduct business with BellSouth and have converted to TCIF Issue 7.

It is highly recommended that CLECs have access to the Internet and the World Wide Web because BellSouth provides a wealth of information to its customers in this format and much of this document is used in conjunction with other documents that are posted on the Internet for CLEC convenience.

The following is a listing of documents that may be utilized by CLECs in ordering with BellSouth:

LEO-IG, Volume 1 — Provides the basic “collective” Business rules for processing Local Service Requests (LSRs) via Electronic Data Interface (EDI).

LEO-IG, Volume 4 — Provides programming instructions for EDI users.

Telecommunications Access Gateway (TAG) API Reference Guide — Serves as a programmer's guide for the BellSouth Telecommunications Access Gateway (TAG) Client Application Program Interface (API).

Local Exchange Navigation System (LENS) User Guide— Provides user requirements for LENS users.

CLEC USOC Manual (Product Catalog) — Provides USOCs (Universal Service Order Codes) and FIDs (Field Identifiers), by state.

This document is intended to reflect, in as accurate a manner as possible, current electronic system programming. BellSouth Telecommunications, Inc., and its subsidiaries, affiliates, officers, directors, and employees are not liable nor responsible for inaccuracies which may be present in this documentation. Please report any discrepancies you may find to your account team.

This information is based upon the Ordering & Billing Forum (OBF) industry consensus approved guidelines, found in the Local Service Ordering Guidelines (LSOG) document. The LSOG may be obtained by contacting the Alliance for Telecommunications Industry Solutions (ATIS) at 202/628-6380, website: www.atis.org .

Mid March, 2000

Summary

Revisions

This quick glance describes revisions for Volume 1.

Mid March Update

| Update Effective March 17, 2000 | | | | | |
|---------------------------------|--|--------|-------|-----------------|---|
| SECTION | FIELD NAME | REQTYP | ACT | USAGE CHG TO | NOTES |
| 2.2 | break | break | break | break | Added verbiage to enhance description of Completion Notices. |
| 2.6 | Request Type/Service Type Matrix | J | break | break | The Request Type/Service Type Matrix has been updated to reflect the Resale screen as being required for REQTYP J requests. |
| 4.3.1.5 | AN | break | break | break | Modified Note 1 to clarify that AN is not an appropriate field to be populated for REQTYP A. |
| 4.3.1.6 | ATN | break | break | break | Modified Note 1 to clarify that ATN is not an appropriate field to be populated for REQTYP A. |
| 4.3.1.7 | REQTYP | break | break | break | Modified the third bullet inder valid entries to state that the second character should be "B" to indicate "Firm Order". |
| 4.3.1.34 | TOS | break | break | break | Enhanced usage note to include "designed" loops. Also deleted "D=Complex Services" from valid entries list. |
| 4.3.2.1 | BI1 | break | break | break | Deleted valid entries of A,U, V, W, and Z. Also added note in Valid Entries section "Note: On REQTYP A (non-designed), ACT=V, the BI1 field=L and BAN1=miscellaneous account number." |
| 4.3.2.2 | BAN1 | break | break | break | Changed valid entry from "Billing Account Number" to "CABS or CRIS Billing Account" |

| | | | | | |
|----------|--------------------|-------|---------------------------------|-------|---|
| 4.3.2.3 | BI2 | break | break | break | Deleted valid entries of A,U, V, W, and Z. Also added note in Valid Entries section "Note: On REQ TYP A (non-designed), ACT=V, the BI2 field="L" and BAN2=CRIS Q account number." |
| 4.3.2.7 | EBD | M | A, C, D, M, T, V, SS, and RS | O | Changed REQ TYP M/ACT of A, C, D, M, T, V, SS, and RS to "O". |
| 4.3.3.10 | IMPCON | break | break | break | Added a clarifying note to explain what happens when IMPCON field is left blank. |
| 4.3.3.11 | IMPCON -TEL NO. | A | A, C, D, M, T, and V | C | Changed REQ TYP A/ACT of A, C, D, M, T, and V to "C". |
| | | B | V and W | C | Changed REQ TYP B/ACT of V and W to "C". |
| | | C | C, D, V, and W | C | Changed REQ TYP C/ACT of C, D, V, and W to "C". |
| | | D | D | C | Changed REQ TYP D/ACT of D to "C". |
| | | E | A, C, D, M, T, V, SS, RS, and W | C | Changed REQ TYP E/ACT of A, C, D, M, T, V, SS, RS, and W to "C". |
| | | F | A, C, D, V, SS, and W | C | Changed REQ TYP F/ACT of A, C, D, V, SS, and W to "C". |
| | | J | A, D, and R | C | Changed REQ TYP J/ACT of A, C, D, M, T, V, SS, and RS to "C". |
| | | M | A, C, D, M, T, V, SS, and RS | C | Changed REQ TYP M/ACT of A, C, D, M, T, V, SS, and RS to "C". |
| 5.5.3.1 | LOCBAN | break | break | break | Modified verbiage to Notes 1, 2, and 3 for clarity. Also added "Note 4: For RETQ TYP A/ACT V, the LOCBAN must be the 10 digit dialable telephone number being converted." |
| 5.5.3.2 | EAN | break | break | break | Modified Note 1 to clarify that EAN is not an appropriate field to be populated for REQ TYP A. |

| | | | | | |
|----------|-------------------|-------|-------|-------|---|
| 5.5.3.3 | EATN | break | break | break | Modified Note 1 to clarify that EATN is not an appropriate field to be populated for REQ TYP A. Also corrected Note 2 by changing "EATN" to "EAN". |
| 6.3.1.1 | REFNUM | break | break | break | Added "Note 4: Refnum reflects the number of activities regardless of number of features." Also provided an example. |
| 6.3.1.29 | Hunt Group ID | break | break | break | Corrected definition and removed note on Feature Activity, Feature, and Feature Detail. Also corrected reference for Service Order Feature Code (SOFC) information. |
| 6.3.1.30 | LNECLS SVC | break | break | break | Added note to explain how to appropriately populate this field. Also added an example. |
| 7.3.1 | REFNUM | break | break | break | Added "Note 3: Refnum reflects the number of activities regardless of number of features." Also provided an example. |
| 7.3.2 | LIST | J | R | R | Modified grid to show REQ TYP J, ACT R is "Required" on List Name Code field. |
| 7.3.19 | LNA | break | break | break | Deleted Notes 1, 2, and 3. |
| 8.3.1 | REFNUM | break | break | break | Added Note 3: Refnum reflects the number of activities regardless of number of features. Also provided an example. |
| 9.3.1 | REFNUM | break | break | break | Added Note 3: Refnum reflects the number of activities regardless of number of features. Also provided an example. |
| 9.3.19 | TC TO PRIMARY | break | break | break | Removed Notes 1 and 2. |
| 9.3.20 | TC TO SECONDARY | break | break | break | Removed conditional note. |
| 9.3.21 | TC NAME-PRIMARY | break | break | break | Removed conditional note. |
| 9.3.22 | TC NAME-SECONDARY | break | break | break | Removed conditional note. |
| 9.3.23 | TC PER DATE-CC | break | break | break | Removed Notes 1 and 2. |
| 9.3.24 | TC PER-DATE | break | break | break | Removed Notes 1 and 2. |

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|----------|---------------|-------|-------|-------|--|
| 9.3.25 | LNA | break | break | break | Removed "C=Change" from valid entries list. |
| 9.3.26 | LRN | break | break | break | Deleted field from Loop section. It is not in TCIF 7. |
| 9.3.27 | TDT | break | break | break | Deleted field from Loop section. It is not in TCIF 7. |
| 10.3.1 | REFNUM | break | break | break | Added Note 3: Refnum reflects the number of activities regardless of number of features. Also provided an example. |
| 10.3.3 | ECCKT | A | C | R | Removed "Note 6: For designed loops, an entry in the ECCKT field is disallowed when LNA is A or V." |
| 10.3.20 | LNA | break | break | break | Removed "M=Inside Move" and "T=Outside Move" from valid entries list. |
| 10.3.21 | TN | break | break | break | Enhanced definition to be more specific on TN as it relates to conversion on loops. |
| 11.3.2.1 | Hunt Group ID | break | break | break | Removed note on Feature Activity, Feature, and Feature Detail. Also corrected reference for Service Order Feature Code (SOFC) information. |
| 11.3.3 | REFNUM | break | break | break | Added Note 3: Refnum reflects the number of activities regardless of number of features. Also provided an example. |
| 11.3.30 | LNECLS SVC | break | break | break | Added note to explain how to appropriately populate this field. |
| 11.3.21 | TN | break | break | break | Eliminate ill placed TN field. Section 11.3.5 shows correctly. |

PREVIOUS RELEASES

January Update

This update primarily clarifies fields that can not be altered for supplemental requests that are generated by CLECs.

| Update Effective 1-31-00 | | | | | |
|--------------------------|------------|--------|-----|-----------------|-------|
| SECTION | FIELD NAME | REQTYP | ACT | USAGE CHG TO | NOTES |

| | | | | | |
|----------|------------------------------------|-------|-------|-------|--|
| 2.6 | Local Service Request Requirements | break | break | break | The Ordering Matrix has been enhanced with a note that clarifies the Number Portability Type for Reqtyp C and Act D. |
| 4.3.1.19 | SUP | break | break | break | Added note to identify fields that can not be changed when a supplemental (SUP) request is submitted by CLEC. |

Late December Update

The corrections in this version are based primarily on validation tests for REQTYPE=E but other REQTYPE changes were also made and are documented below. They will not require programming changes to existing customers. The updates are for documentation purposes only.

Disclaimer: In the interest of clarity, there is an effort being made to include examples for as many fields as possible. This update contains many of those new examples, however their appearance and accuracy is under review.

This Interim update reflects the following changes:

| Interim Update Effective 12-30-99 | | | | | |
|-----------------------------------|---------------------------|---------|----------------|-----------------|---|
| SECTION | FIELD NAME | REQTYPE | ACT | USAGE CHG TO | NOTES |
| 1.1 | Revisions Section | break | break | break | The revisions table for 7K, found below, has been updated to show that the SECNCI field that was changed was from the LSR form, not the Directory form. The SECNCI field was correctly updated in 7K. |
| 1.1 | Revisions Section | break | break | break | The revisions section for the April release has been updated to reflect that CABLE ID and CHAN/PAIR do not appear on the EU form. |
| All | Field Arrangement Section | break | break | break | Performed cleanup of all Field Arrangement Sections. Some fields were not present in the Field Arrangement list and were added to reflect the material within the proper section and some fields were removed where they were no longer applicable. The order was validated and corrected if necessary, as well as the actual field name. |
| 4.3.1.1 | CCNA | E | All valid acts | R | Change all valid acts shown as Optional to Required |

| | | | | | |
|---------|------------|-------|-------|-------|---|
| 43.1.8 | D/SENT-CC | break | break | break | Changes were made in 7L to reflect the differences between TAG and EDI. These fields are for EDI Only, and have been noted as such. |
| break | break | | | | |
| 43.1.10 | DDD-CC | break | | | |
| break | break | | | | |
| 43.1.12 | DDDO-CC | break | | | |
| break | break | | | | |
| 43.1.27 | DATED-CC | break | | | |
| break | break | | | | |
| 43.1.46 | LSPA | | | | |
| break | UTHDAT | | | | |
| 43.2.6 | E-CC break | | | | |
| break | EBD-CC | | | | |
| 63.1.16 | break TC | | | | |
| break | PER-CC | | | | |
| 73.17 | break | | | | |
| break | DIRDATE-CC | | | | |
| 83.14 | break TC | | | | |
| break | PER-CC | | | | |
| 93.23 | break TC | | | | |
| break | PER | | | | |
| 103.18 | DATE-CC | | | | |
| break | break TC | | | | |
| 113.16 | PER-CC | | | | |
| break | break TC | | | | |
| | PER-CC | | | | |

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|----------|-----------|-------|-------------------------|-------|--|
| 43.1.9 | D/SENT | break | break | break | Changes were made in 7L to reflect the differences between TAG and EDI. Valid Entries and Data Characteristics were updated to show these differences. |
| break | break DDD | | | | |
| 43.1.11 | break | | | | |
| break | DDDO | | | | |
| 43.1.13 | break | | | | |
| break | DATED | | | | |
| 43.1.28 | break | | | | |
| break | LSPA | | | | |
| 43.1.47 | UTH-DATE | | | | |
| break | break EBD | | | | |
| 43.2.7 | break TC | | | | |
| break | PER break | | | | |
| 6.3.1.17 | DIRDATE | | | | |
| break | break TC | | | | |
| 7.3.18 | PER DATE | | | | |
| break | break TC | | | | |
| 8.3.15 | PER DATE | | | | |
| break | break TC | | | | |
| 9.3.24 | PER DATE | | | | |
| break | break TC | | | | |
| 10.3.19 | PER DATE | | | | |
| break | | | | | |
| 11.3.17 | | | | | |
| 43.1.12 | DDDO-CC | A | A | N | break |
| break | break | A,E,M | T | C | break |
| break | break | E | V | N | break |
| break | break | F | A,SS | N | break |
| 43.1.13 | DDDO | A | A | N | break |
| break | break | A | T | R | break |
| break | break | E | D,V | N | break |
| break | break | F | A,SS | N | break |
| 43.1.37 | NC | E | A,C,D,M,T ,V,SS,RS,W | N | break |
| 43.1.38 | NCI | E | A,C,D,M,T ,V,SS,RS,W | N | break |
| 43.1.40 | SECNCI | E | A,C,D,M,T ,V,SS,RS,W | N | break |

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|----------|-------------------|-------|-------------------------------|-------|--|
| 4.3.2.19 | VTA | break | break | break | Change valid entries to show only 'Y' as valid. 'N' will return an error message. |
| 4.3.3.21 | DSGCON-STRE ET | A | A,C,D,M,T ,V | C | Add note: Required when DSGCON is populated |
| break | break | B | V,W | C | For conditional usage, see note above |
| 4.3.3.24 | DSGCON-CITY | A | A,C,D,M,T ,V | C | Add note: Required when DSGCON is populated |
| break | break | B | V,W | C | For conditional usage, see note above |
| 4.3.3.25 | DSGCON-STA TE | A | A,C,D,M,T ,V | C | Add note: Required when DSGCON is populated |
| break | break | B | V,W | C | For conditional usage, see note above |
| 4.3.3.26 | DSGCON-ZIP | A | A,C,D,M,T ,V | C | Add note: Required when DSGCON is populated |
| break | break | B | V,W | C | For conditional usage, see note above |
| 6.3.1.1 | REFNUM | E | A,C,D,M,T ,R,V,W,SS ,RS | break | Change from the line level acts to activity type account level 'R' |
| 6.3.1.2 | LNA | E | break | break | Remove Note 3 referring to Designed Loops |
| 6.3.1.8 | FPI | E | W | P | break |
| 6.3.1.9 | PIC | E | Y,L | P | break |
| 6.3.1.10 | LPIC | E | Y,L | P | break |
| 6.3.1.23 | TBE | E | W,Y | P | break |
| 6.3.1.25 | FA | E | W,Y,L | P | break |
| break | break | E | P9 | N | break |
| 6.3.1.26 | FEATURE | E | W,Y,L | P | break |
| break | break | E | P9 | N | break |
| 6.3.1.27 | FEATURE DETAIL | E | A,C,D,V | C | break |
| break | break | E | W,Y,L | P | break |
| break | break | E | P9 | N | break |
| break | break | break | break | break | Add Note 3: When Feature and Feature Activity are populated, Feature Detail may be required. |

| | | | | | |
|----------|--|---------|-------|-------|--|
| 6.3.1.28 | HUNT GROUP ID | E | break | break | Insert new grid |
| 7.2.1 | Field Arrangement Section | break | break | break | Removed 2nd REFNUM from list. |
| 7.3 | All fields within Directory Section | B,C | W | N | Changes all REQTYP=B,C, ACT=W from Optional to Not Applicable where grid shows as 'O'. Remove attached '*' note for those changed to 'N'. |
| 7.3.2 | LIST | M | M | P | Remove Note 2 |
| break | OPTIONAL LISTING, LISTED NAME | M | M | P | break |
| 7.3.3 | LN | E,F,J | D | N | break |
| break | break | M | M | P | break |
| 7.3.4 | LISTED NAME OVERFLOW | E,F,J | D | N | break |
| 7.3.5 | LA | M | M | P | break |
| break | break | M | T,V | R | break |
| 7.3.6 | YPH | E,F,C,M | D | N | break |
| 7.3.7 | WPQTY | E | W | P | break |
| 7.3.8 | YPQTY | E | W | P | break |
| 7.3.9 | DDA-NAME | E | W | P | break |
| 7.3.10 | DDA-NAME 2 | E | W | P | Clarified field definition |
| break | break | J | R | O | break |
| 7.3.11 | DDA- ADDRESS 1 | E | W | P | Clarified field definition |
| 7.3.12 | DDA- ADDRESS 2 | E | W | P | Clarified field definition |
| 7.3.13 | DDA-CITY | E | W | P | Clarified field definition |
| 7.3.14 | DDA-STATE | E | W | P | Clarified field definition |
| 7.3.15 | DDA-ZIP CODE | E | W | P | Clarified field definition |

| | | | | | |
|---------|---------------------------------|-------|-----------------------|-------|---|
| 7.3.16 | SIC CODE | C,E,F | D | N | break |
| break | break | M | C | C | break |
| 7.3.17 | DIRDATE-CC | A | D,M | N | break |
| break | break | M | M | P | break |
| break | break | E | W | P | break |
| 7.3.18 | DIRDATE | E | D,M,SS, RS | N | break |
| break | break | A | D,M | N | break |
| break | break | E | W | P | break |
| 7.3.20 | LNA | J | R | R | break |
| 8.3.9 | TC OPT | C | C,V | N | Remove Note 3 |
| 8.3.14 | TC PER-CC | C | C,M,T,SS, RS | N | break |
| break | break | C | D | O | Remove Note 1 |
| 8.3.15 | TC PER-DATE | C | C | N | Remove Note 1 |
| 9.3.6 | CABLE ID | B | break | break | Remove Note 2 |
| 9.3.10 | CHAN/PAIR | B | break | break | Remove Note 2 |
| 9.3.18 | TC OPT | B | break | break | Remove Note 3 |
| 10.2.1 | Field Arrangement Section | break | break | break | TN added to field arrangement |
| 11.3.1 | ORD | F,M | A,C,D,M,I ,V,RS,SS | O | The ORD field was updated in 7K, but the update was not captured in the revisions section. The current update, to 'optional' is accurate and the changes in 7K should be disregarded. |
| 11.3.4 | LNA | F,M | break | break | Notes 1 and 4 were removed in 7K. This change was not captured in the Revisions table for that update. |
| 11.3.28 | FEATURE | F,M | break | break | Add to Note 3: "...if ACT is A or V, or ACT is C with LNA=A, otherwise prohibited." |
| All | Various fields | break | break | break | Examples are being added to fields as they become available. Please see disclaimer above. |

December Update

The corrections in this version are based on validation tests for REQ TYP B, C, and J. They do not require programming changes to existing customers. The updates are for documentation purposes only.

This Interim update reflects the following changes:

| Interim Update Effective 12-01-99 | | | | | |
|-----------------------------------|------------------------------------|----------------|-------|--------|--|
| SECTION | FIELD NAME | REQ TYP | ACT | CHANGE | NOTES |
| 3.6 | Local Service Request Requirements | break | break | break | Added Loop w/INP service type column and removed note and corresponding 'X' referring to Resale data elements |
| 4.1 | Glossary of Data Elements | break | break | break | Performed Glossary cleanup |
| 5.3.1.5 | AN | B,C (NPT=D) | W | P | Added note: For REQ TYP=B,C, if NPT=D and ACT=W then this field is prohibited. It is not rejected by the system but will cause system problems if populated. |
| 5.3.1.6 | ATN | B,C (NPT=D) | W | P | Added note: For REQ TYP=B,C, if NPT=D and ACT=W then this field is prohibited. It is not rejected by the system but will cause system problems if populated. |
| 5.3.1.8 | D/SENT | break | break | break | Changed note: Must be a current or future date |
| 5.3.1.11 | DDD | break | break | break | Changed note: Must be a current or future date |
| 5.3.1.15 | PROJECT ID | break | break | break | Changed to reflect EDI and TAG field name difference |
| 5.3.1.17 | REQ TYP | C | D | break | Note added throughout IG: ***NPT must =A,B,C; prohibited for NPT=D (LNP) |
| 5.3.1.18 | ACT | C | D | break | Note added throughout IG: ***NPT must =A,B,C; prohibited for NPT=D (LNP) |
| 5.3.1.22 | RTR | break | break | break | Changed data characteristics to 1A |
| 5.3.1.30 | ACTL | B | V,W | R | break |
| | | C | V,W | N | break |
| 5.3.1.31 | APOT | B | V,W | O | break |
| | | C | V,W | N | break |
| 5.3.1.33 | LSO | C | C,D | R | Removed example |

| | | | | | |
|----------|-----------------|---------|---------|-------|--|
| 5.3.1.37 | NC | C | C,D,V,W | N | break |
| 5.3.1.38 | NCI | C | C,D,V,W | N | break |
| 5.3.1.38 | NCI (cont) | break | break | break | Removed "NCI Network Channel Interface Code (continued)" as a title and labeled the chart with an appropriate heading that will not show up as a duplicate field |
| 5.3.1.40 | SECNCI | B | V,W | C | break |
| break | break | C | C,D,V,W | N | break |
| 5.3.2.1 | BAN1 | break | break | break | Changed note "...identified in the CC field" |
| 5.3.2.4 | BAN2 | break | break | break | Changed note "...identified in the CC field" |
| 5.3.2.8 | BILLNM | break | break | break | Removed notes 1 and 2 break Added note: Required when BAN entry is populated with 'N' and NPT=D (LNP), otherwise optional break Changed data characteristics to 20AN |
| break | break | A,E,M | A,T | O | break |
| break | break | F,J | A | O | break |
| break | break | A,E,F,M | V | O | break |
| break | break | E | W | O | break |
| 5.3.2.9 | SBILLNM | break | break | break | Removed notes 1 and 2 break Changed data characteristics to 20 AN |
| 5.3.2.11 | BILLNM-STREET | break | break | break | Removed notes 1 and 2 break Changed data characteristics to 20 AN |
| 5.3.2.14 | BILLNM-CITY | break | break | break | Removed notes 1 and 2 |
| 5.3.1.15 | BILLNM-STATE | break | break | break | Removed notes 1 and 2 |
| 5.3.1.16 | BILLNM-ZIP CODE | break | break | break | Removed notes 1 and 2 |
| 5.3.2.19 | VTA | break | break | break | Updated valid entries to show this is TAG only and data characteristics to show 1A in TAG and 17 AN in EDI |
| 5.3.2.20 | VTA DESC | break | break | break | Updated field to show this is TAG only |
| 5.3.3.2 | INIT-TEL NO | break | break | break | Added note 2: Hyphens are prohibited |
| 5.3.3.16 | DSGCON | B | V,W | C | Added note: This field is only required when NC field is LY, LY+ |

| | | | | | |
|-----------------|-----------------------|-------|-------|-------|--|
| 5.3.3.17 | DRC | B | V,W | O | break |
| 5.3.1.18 | DSGCON- TEL NO | B | V,W | C | break |
| 7.3.1.1 | REFNUM | break | break | break | Changed note 3 to read "...values must be ascending and must be unique" |
| 7.3.1.23 | TBE | break | break | break | Changed valid entry A to read "Deny Collect AND Third Number" |
| 7.3.1.27 | FEATURE DETAIL | break | break | break | Added note 2: When Feature Detail is populated, Feature and Feature Activity are required |
| 8.3.1 | REFNUM | break | break | break | Changed note 2 to read "...values must be ascending and must be unique" |
| 8.3.2 | LIST | break | break | break | Added disclaimers that FSPL, SPL, and CML are not available electronically |
| 9.3.1 | REFNUM | break | break | break | Changed note 2 to read "...values must be ascending and must be unique" |
| 9.3.17 | LNA | C | break | break | Changed data characteristics to 1A break Added note: If NPT=D and ACT=W then LNA may not =W break Added note: LNA may be 'V' or 'W' when AN, ATN, EAN, or EATN are populated (NPT=D) break Changed note: LNA must be 'V' when AN, ATN, EAN, or EATN are populated (NPT=A,B,C) |
| New - 9.3.18 | LRN | break | break | break | LRN field added to IG to match TAG fields |
| New - 9.3.19 | TDT | break | break | break | TDT field added to IG to match TAG fields |
| 10.3.1 | REFNUM | B | W | R | Changed note 2 to read "...values must be ascending and must be unique" |
| 10.3.3 | ECCKT | B | V,W | N | break |
| 10.3.4 | CFA (IN LOOP W/NP) | B | V,W | C | break |
| 10.3.25 | ACTL | break | break | break | Removed field from section |

The corrections in this version are based on validation tests for REQTYP A, F, and M. They do not require programming changes to existing customers. The updates are for documentation purposes only.

This Interim update reflects the following changes:

| Interim Update Effective 11-01-99 | | | |
|---|--------------------|----------------|---|
| DATA ELEMENT | SECTION NAME | SECTION NUMBER | REVISION |
| ACTL | LSR | 5.3.1.30 | Updated the option entries in the ACTL field table to reflect current electronic processing parameters. |
| APOT | LSR | 5.3.1.31 | Updated the option entries in the APOT field table to reflect current electronic processing parameters. |
| CABLE ID | LOOP and LOOP w/NP | _____ | Note added: Required when CHAN/PAIR is populated |
| CCNA | LSR | 5.3.1.1 | All valid acts have been changed from optional to required to reflect current electronic processing parameters. |
| CFA | LOOP and LOOP w/NP | _____ | Note added: Required when Cable ID and CHAN/PAIR are not populated. |
| CHAN/PAIR | LOOP and LOOP w/NP | _____ | Note added: Required when Cable ID is populated. |
| CIC | LSR | 5.3.1.49 | REQTYP F, J, and M valid acts changed from optional to required to reflect current electronic processing parameters. |
| ECCKT | LOOP | 11.3.3 | Updated the option entries in the ECCKT field table to reflect current electronic processing parameters. Changed Note 6: For Designed Loops, an entry in the ECCKT field is disallowed when the LNA is A or V otherwise required. |
| HUNT GROUP ID | Port Service | 12.3.2.1 | Added grid and note in new section below Hunting (12.3.2). |
| LA, LIST, LISTED NAME OVERFLOW, LN, LNA | Directory | _____ | Updated the option entries in the field tables to reflect current electronic processing parameters. Removed Note: For REQ TYP = A, this information is required... |
| LNA | NP | 9.3.1.17 | Removed note that refers to General and Port Sections. |
| LSO | LSR | 5.3.1.33 | Updated the option entries in the LSO field table to reflect current electronic processing parameters. |
| NC | LSR | 5.3.1.37 | Updated the option entries in the NC field table to reflect current electronic processing parameters. |

| | | | |
|---|--------------|----------|---|
| NCI | LSR | 5.3.1.38 | Updated the option entries in the NCI field table to reflect current electronic processing parameters. |
| OPTIONAL LISTING/LISTING NAME | Directory | 8.3.2 | Updated the option entries in the field table to reflect current electronic processing parameters. Removed note: For REQ TYP = A, this information is required. |
| OTN, TC OPT, TCTO-PRIMARY, TCTO-SEC, TC NAME-PRIMARY, TC NAME-SECONDARY, TC PER-CC, TC PER-DATE | LOOP | — | Updated the option entries in the field tables to reflect current electronic processing parameters. |
| REFNUM | Directory | 8.3.1 | Removed field 8.3.19 |
| REFNUM | Port Service | 12.3.3 | Changed grid from line level to account level with entries reflecting current electronic processing parameters. |
| SECNCI | LSR | 5.3.1.40 | Updated the option entries in the SECNCI field table to reflect current electronic processing parameters. Changed Note 1: Required when NCI is populated. Removed Note 2. |
| SIC CODE | Directory | 8.3.16 | Updated the option entries in the SIC CODE field table to reflect current electronic processing parameters. |
| TN | Directory | 8.3.21 | Removed the note referring to the General Section and application of REFNUM... |
| TN | Loop Service | 11.3.21 | Added field to end of section. |
| VTA | LSR | 5.3.2.19 | VTA field definition and data characteristic modified. |
| VTA DESC | LSR | 5.3.2.20 | Added VTA Description field. |
| YPH | Directory | 8.3.6 | Updated the option entries in the YPH field table to reflect current electronic processing parameters. Removed Note: For REQ TYP = A, this information is required. |

General Section

Introduction

The Local Exchange Ordering-Implementation Guide (LEO-IG) provides guidelines to Local Service Providers (LSPs) in the processing of requests through an Electronic Data Interchange (EDI) interface, or through other negotiated processing options, with BellSouth. The Local Exchange Ordering System (LEO) will support the resale of BellSouth Local Services/Products and Facility Based Local Exchange Orders.

These are baseline requirements for TCIF Issue 7 and Rejects and Clarifications. Any changes must be submitted via the established change management process.

Scope

The LEO Implementation Guide provides required procedures and data definitions for transmitting a Local Service Request (LSR) to BellSouth. The current method of transmitting local service requests is EDI, however, that does not preclude an LSP from negotiating with BellSouth another method of transmitting their local service requests. EDI transmission includes five types of messages/transactions exchanged between BellSouth and the LSPs. These messages will contain all the data required to connect, modify or disconnect service:

850 - Local Service Request - This transaction set will be used to provide established business practice relative to the placement of Local Service Request for products and services. This transaction will not be used to convey service order changes or acknowledgment information.

855 - Confirmation Notification - This transaction set will be used to provide acknowledgment of an LSP's service order and notification of the generated service order by BellSouth, including the due date the service will be provided. It will also be used to electronically notify CLECs of rejects.

860 - Supplemental Service Request - This transaction will be used to request a change and/or correction to a previously submitted LSR.

865 - Completion Notification - This transaction will be used to convey acceptance of changes by an LSP to a previously submitted LSR or to convey completion of the LSR. Completion notices will be delivered to the CLEC once BellSouth's systems determine that the service order is completed, is error free, and is in CPX or PCX status.

997 - Acknowledgments - This transaction set will be used to provide an acknowledgment receipt of an EDI transaction set at the receiving EDI translator. The exchange of these documents is an expected step in doing business with BellSouth. These acknowledgments will not be acknowledged, thereby preventing an endless cycle of acknowledgments.

Firm Order Confirmation (FOC)

A Firm Order Confirmation (FOC) will be mechanically generated once the LSR has been processed. The FOC will be transmitted to the LSP as confirmation of the order due date and other defined data elements.

Errors

Errors will be returned electronically to the CLEC via 855 or 865 transaction set depending upon the degree of severity of the reject. Errors will require a supplemental LSR, except when:

Service will no longer be provided from the same exchange as reflected on the original request.
The original request required a premise visit and the change results in no premise visit.

In all cases, the original due date must be reviewed to ensure that the changes requested do not negatively impact the original desired due date. If the modifications result in a longer due date interval, a new desired due

date should be noted.

Requests for service cannot be processed until a complete and accurate LSR has been received. CLEC delays in providing the required information will negatively impact the timely provisioning of service.

For LSR errors info see website: www.interconnection.bellsouth.com/guides/lens_i7a/indexf.htm .

Electronic System Downtime

Occasionally, BellSouth may experience brief periods outside of normal maintenance downtime where a specific system(s) is unavailable for CLECs to transmit mechanized LSRs. If a CLEC has a need to submit a particular LSR manually before the electronic system(s) is restored to service, BellSouth will apply the mechanized LSR charge instead of the manual LSR charge for that LSR. This applies only for those CLECs who normally utilize that electronic system(s) if it had been available.

The CLEC must follow the procedure below for each LSR in order to be billed the mechanized LSR charge:

Populate the **LSR NO.** (LSR Number) field in the Administrative Section on the first page of the LSR form with the code "**SOME**C", and

Complete all required pages of the LSR form that pertain to the service being ordered.

If this procedure is not followed, the manual LSR charge will be applied as required for manual LSRs in compliance with current CLEC Interconnection and Resale agreements.

When completing the LSR forms, please use the Ordering Guide (OG) for Business Rules, plus the SOMECE reference in LSR No. (LSR Number) field information.

Local Service Requests Requirements

Request Types/Service Types

The following table illustrates the ordering requirements for provisioning different types of service requests.

Each request type requires:

| REQT YP | SERVICE TYPE | LSR | EU | RESALE | DIR | NP | LOOP | LOOP w/NP | PORT |
|------------|--|-------|-----|--------|-------|-------|-------|--------------|-------|
| A | LOOP | X | X | break | break | break | X | break | break |
| B | LOOP w/ NUMBER PORTABILITY (L w/ NP) | X | X | break | X* | break | break | X | break |
| C | NUMBER PORTABILITY(NP) | X | X | break | X* | X | break | break | break |
| D** | RETAIL / BUNDLED | break | bre | break | break | break | break | break | break |

| | | | | | | | | | |
|---|--|---|---|-------|-------|-------|-------|-------|-------|
| E | RESALE - Conversion - as - specified | X | X | X | X | break | break | break | break |
| E | RESALE - Switch-as-is | X | X | X | break | break | break | break | break |
| F | PORT | X | X | break | X | break | break | break | X |
| J | DIR LISTINGS AND ASSISTANCE | X | X | X | X | break | break | break | break |
| M | NETWORK COMBINATIONS | X | X | break | X | break | break | break | X |

*The Directory related fields are not required for LNP (NPT=D) requests. If the request is a Full Migration and no directory change is desired, the CLEC can use ACT=W for LNP (NPT=D). The ACT=W will denote no listing changes on the Full Migration LNP (NPT=D) request and the directory fields are not to be populated. However, if the ACT=V for LNP (NPT=D) and the directory fields are not completed, then no directory listings or directory delivery will be established.

**To be Developed

Ordering Matrix

The following table illustrates the valid ordering activities associated with each REQTYPE.

The valid ordering activities are:

| Ordering Matrix Table | | | | | | | | | | |
|-----------------------|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| break | ACTIVITY TYPE (ACCOUNT LEVEL) | | | | | | | | | |
| REQTYPE | A | C | D | M | T | R | V | SS | RS | W |
| A | V | V | V | V | V | break | V | break | break | break |
| B | break | break | break | break | break | break | V | break | break | V* |
| C | break | V | V*** | break | break | break | V | break | break | V* |
| D** | break | break | break | break | break | break | break | break | break | break |
| E | V | V | V | V | V | break | V | V | V | V |
| F | V | V | V | break | break | break | V | V | V | break |
| J | V | break | V | break | break | V | break | break | break | break |
| M | V | V | V | V | V | break | V | V | V | break |

Legend:

V = Valid

Blank = Not Valid

break

* Only valid for NPT=D (LNP)

** To be developed

*** NPT must =A,B, or C; Prohibited for NPT=D (LNP)

Use of ADL (FID)

When ordering a new installation for all types of residential service, **and an address is validated as working** (using LENS or any future address validation system); then one of the following actions must occur:

- (1) The FID ADL (ie: /ADL), additional line, must be added to the Feature Detail data element if a new line is being added to an existing line at the same address. or
- (2) If the condition is an Abandoned Station, answer the error/clarification with "abandon station" noted in the Remarks of the LSR. (The Abandon Station remarks will not be read on the original pon, it will be read only on the SUPP request). or
- (3) A conversion order must be issued.

Failure to properly process this request utilizing one of the above options will result in an error /clarification message.

Data Element Layout

Each data element has distinctive sections, which include:

Data element abbreviated name and definition

A detailed definition of the data element

Specific notes or business rules that apply to the usage of the data element

A usage bar which indicates the activity for the data element

The top line of the usage bar indicates the activity type allowed for that particular section of the local service request. There are three distinctive activity types.

The first is account level activity:

A = New installation

D = Disconnect

M = Inside move of the physical termination within a building

T = Outside move of an end user location

C = Change or modification to an existing LSP's end user

R = Record activity is for ordering administrative changes

V = Conversion to new Local Service Provider

W = Conversion as-is

SS = Suspend Service

RS = Restore Service

The second is line level activity:

A = Add

C = Change

D = Disconnect

R = Record Information Only

V = Conversion as specified

W = Conversion as-is

Y = Deny / Restore (Non-Payment)

L = Suspend/ Restore (Seasonal)

P9 = PIC Change

The third is feature level activity:

A = Add

C = Change

D = Delete

The second line indicates the use of the data element. The indicators are:

O = Optional - the field may or may not be populated

C = Conditional - dependent on usage rules or data elements

R = Required - the field must be populated

N = Not Applicable - the field does not apply for services rendered, and any entry is ignored.

P = Prohibited - the field must not be populated

Data characteristic related to the data element is indicated by alpha/numeric as a type of valid entry.

If a numeric field is prohibited, the field must be left blank.

Mechanics of the LEO-IG

The following information provides clarification on navigating through the LEO-IG. Each section and subsection is titled and numbered. This allows for specific identification of section updates. Each section includes a table of contents, denoting the data elements defined in that section.

This document also includes:

A Glossary of data elements

Required data elements based on activity type

TCIF service order feature codes can now be found in LEO-IG Volume 4.

Glossary

Glossary of Data Elements

The following Glossary of Data Elements table lists the Field Abbreviation (in alphabetical order), what Form/Forms the field appears, what Section/Sections the field appears, and a description of the field.

| Glossary of Data Elements | | | |
|---------------------------|------|-----------------|--|
| FIELD ABBREV | FORM | SECTION | FIELD DESCRIPTION |
| ACC | EU | ADMINISTRATIVE | Access |
| ACNA | LSR | BILLING | Access Customer Name Abbreviation |
| ACT | LSR | ADMINISTRATIVE | Activity Type |
| ACTL | LSR | ADMINISTRATIVE | Access Cust Terminal Loc |
| ACTST | RS | SERVICE DETAILS | Number of Stations Activated |
| AEENG | LSR | ADMINISTRATIVE | Additional Engineering Authorization |
| AGAUTH | LSR | ADMINISTRATIVE | Agency Authorization Status |
| ALBR | LSR | ADMINISTRATIVE | Additional Labor Authorization |
| ALTIMPCON | LSR | CONTACT | Alternate Implementation Contact |
| ALTIMPCON - PAGER | LSR | CONTACT | Alternate Implementation Contact Pager Number |
| ALTIMPCON - TEL NO | LSR | CONTACT | Alternate Implementation Contact Tel Number |
| AN | LSR | ADMINISTRATIVE | Account Number |
| AN | CONF | ADMINISTRATIVE | Account Number |
| AN | COMP | ADMINISTRATIVE | Account Number |
| APOT | LSR | ADMINISTRATIVE | Additional Point of Termination |
| AUTHNM | LSR | ADMINISTRATIVE | Authorization Name |
| ATN | LSR | ADMINISTRATIVE | Account Telephone Number |
| ATN | CNF | ADMINISTRATIVE | Account Telephone Number |
| ATN | CMP | ADMINISTRATIVE | Account Telephone Number |
| BAN1 | CNF | ADMINISTRATIVE | Billing Account Number 1 |
| BAN1 | CMP | ADMINISTRATIVE | Billing Account Number 1 |

| | | | |
|-------------------|------|-----------------|-------------------------------------|
| BAN1 | LSR | BILLING | Billing Account Number 1 |
| BAN2 | CMP | ADMINISTRATIVE | Billing Account Number 2 |
| BAN2 | CNF | ADMINISTRATIVE | Billing Account Number 2 |
| BAN2 | LSR | BILLING | Billing Account Number 2 |
| BCS | LSR | ADMINISTRATIVE | Basic Class of Service |
| BI1 | CNF | ADMINISTRATIVE | Billing Account Number Identifier 1 |
| BI1 | CMP | ADMINISTRATIVE | Billing Account Number 1 |
| BI1 | LSR | BILLING | Billing Account Identifier 1 |
| BI2 | LSR | BILLING | Billing Account Identifier 2 |
| BILLCON | LSR | BILLING | Billing Contact Name |
| BILLCON - TEL NO | LSR | BILLING | Billing Contact Telephone Number |
| BILLNM | LSR | BILLING | Billing Name |
| BILLNM - CITY | LSR | BILLING | Billing Name City |
| BILLNM - FLOOR | LSR | BILLING | Billing Name Floor |
| BILLNM - ROOM | LSR | BILLING | Billing Name Room |
| BILLNM - STATE | LSR | BILLING | Billing Name State |
| BILLNM - STREET | LSR | BILLING | Billing Name Street |
| BILLNM - ZIP CODE | LSR | BILLING | Billing Name Zip Code |
| CABLE ID | LINP | SERVICE DETAILS | Cable Identification |
| CABLE ID | LOOP | SERVICE DETAILS | Cable Identification |
| CABLE ID | PORT | SERVICE DETAILS | Cable Identification |
| CABLE ID | CMP | ADMINISTRATIVE | Cable Identification |
| CABLE ID | CNF | ADMINISTRATIVE | Cable Identification |
| CC | CMP | ADMINISTRATIVE | Company Code |
| CC | CNF | ADMINISTRATIVE | Company Code |
| CC | LSR | ADMINISTRATIVE | Company Code |
| CCNA | LSR | ADMINISTRATIVE | Customer Carrier Name Abbreviation |
| CCNA | CNF | ADMINISTRATIVE | Customer Carrier Name Abbreviation |

| | | | |
|---------------|------|-----------------|---------------------------------------|
| CCNA | CMP | ADMINISTRATIVE | Customer Carrier Name Abbreviation |
| CD / SENT | CMP | ADMINISTRATIVE | Date Sent - Century Code |
| CD / SENT | CNF | ADMINISTRATIVE | Date Sent - Century Code |
| CFA | CMP | ADMINISTRATIVE | Connecting Facility Assignment |
| CFA | CNF | ADMINISTRATIVE | Connecting Facility Assignment |
| CFA | LINP | SERVICE DETAILS | Connecting Facility Assignment |
| CFA | PORT | SERVICE DETAILS | Connecting Facility Assignment |
| CFA | RS | SERVICE DETAILS | Connecting Facility Assignment |
| CFA | LOOP | SERVICE DETAILS | Connecting Facility Assignment |
| CFTN | LINP | SERVICE DETAILS | Call Forward To Number |
| CFTN | INP | SERVICE DETAILS | Call Forward To Number |
| CHAN / PAIR | CMP | ADMINISTRATIVE | Channel/Pair |
| CHAN / PAIR | CNF | ADMINISTRATIVE | Channel/pair |
| CHAN / PAIR | LINP | SERVICE DETAILS | Channel/Pair |
| CHAN / PAIR | LOOP | SERVICE DETAILS | Channel/Pair |
| CHAN / PAIR | PORT | SERVICE DETAILS | Channel/Pair |
| CHC | CMP | ADMINISTRATIVE | Coordinated Hot Cut |
| CHC | CNF | ADMINISTRATIVE | Coordinated Hot Cut |
| CHC | LSR | ADMINISTRATIVE | Coordinated Hot Cut |
| CIC | LSR | ADMINISTRATIVE | Carrier Identification Code |
| CKR | CMP | ADMINISTRATIVE | Customer Circuit Reference |
| CKR | CNF | ADMINISTRATIVE | Customer Circuit Reference |
| CKR | INP | SERVICE DETAILS | Customer Circuit Reference |
| CKR | LINP | SERVICE DETAILS | Customer Circuit Reference |
| CKR | LOOP | SERVICE DETAILS | Customer Circuit Reference |
| CKR | RS | SERVICE DETAILS | Customer Circuit Reference |
| CUST | LSR | ADMINISTRATIVE | Customer Name |
| D / SENT | LSR | ADMINISTRATIVE | Date Sent - (YYMMDD) |
| D / SENT - CC | LSR | ADMINISTRATIVE | Date Sent - (Century Code) |

| | | | |
|-----------------|-----|-----------------|---|
| DATED | LSR | ADMINISTRATIVE | Date of Agency Authorization Date |
| DATED - CC | LSR | ADMINISTRATIVE | Date of Agency Authorization Century Code |
| DDA - ADDRESS 1 | DIR | DIRECTORY | Directory Delivery Address 1 |
| DDA - ADDRESS 2 | DIR | DIRECTORY | Directory Delivery Address 2 |
| DDA - CITY | DIR | DIRECTORY | Directory Delivery - City |
| DDA - NAME | DIR | DIRECTORY | Directory Delivery Name |
| DDA - NAME 2 | DIR | DIRECTORY | Directory Delivery Name 2 |
| DDA - STATE | DIR | DIRECTORY | Directory Delivery - State |
| DDA - ZIP CODE | DIR | DIRECTORY | Directory Delivery - Zip |
| DD | CMP | ADMINISTRATIVE | Due Date (YYMMDD) |
| DD | CNF | ADMINISTRATIVE | Due Date (YYMMDD) |
| DD - CC | CMP | ADMINISTRATIVE | Due Date Century Code |
| DD - CC | CNF | ADMINISTRATIVE | Due Date Century Code |
| DDD | LSR | ADMINISTRATIVE | Desired Due Date (YYMMDD) |
| DDD - CC | LSR | ADMINISTRATIVE | Desired Due Date Century Code |
| DDDO | LSR | ADMINISTRATIVE | Desired Due Date |
| DDDO - CC | LSR | ADMINISTRATIVE | Desired Due Date Century Code |
| DFDT | LSR | ADMINISTRATIVE | Desired Frame Due Time |
| DIRDATE | DIR | DIRECTORY | Advance Directory Listing Date |
| DIRDATE - CC | DIR | DIRECTORY | Advance Directory Listing Date Century Code |
| DOP NUM | RS | SERVICE DETAILS | Digits Outpulsed |
| DRC | LSR | CONTACT | Design Routing Contact |
| DSGCON | CMP | ADMINISTRATIVE | Design Engineering Contact |
| DSGCON | CNF | ADMINISTRATIVE | Design Engineering Contact |
| DSGCON | LSR | CONTACT | Design/Engineering Contact |
| DSGCON - CITY | LSR | CONTACT | Design/Engineering Contact - City |
| DSGCON - EMAIL | LSR | CONTACT | Design/Engineering Contact - EMAIL |

| | | | |
|------------------------------|------|-----------------|--|
| DSGCON - FAX NO | LSR | CONTACT | Design/Engineering Contact - Fax Number |
| DSGCON - FLOOR | LSR | CONTACT | Design/Engineering Contact - Floor |
| DSGCON - ROOM / MAIL STOP | LSR | CONTACT | Design/Engineering Contact - Room/Mail Stop |
| DSGCON - STATE | LSR | CONTACT | Design/Engineering Contact - State |
| DSGCON - STREET | LSR | CONTACT | Design/Engineering Contact - Street |
| DSGCON - TEL NO | LSR | CONTACT | Design/Engineering Contact - Telephone Number |
| DSGCON - ZIP CODE | LSR | CONTACT | Design/Engineering Contact - Zip Code |
| EAN | EU | BILLING | Existing Account Number |
| EATN | EU | BILLING | Existing Account Telephone Number |
| EBD | LSR | BILLING | Effective Bill Date |
| EBD | CNF | ADMINISTRATIVE | Effective Bill Date |
| EBD | CMP | ADMINISTRATIVE | Effective Bill Date |
| EBD - CC | LSR | BILLING | Effective Bill Date-Century Code |
| EBD - CC | CNF | ADMINISTRATIVE | Effective Bill Date-Century Code |
| EBD - CC | CMP | ADMINISTRATIVE | Effective Bill Date-Century Code |
| ECCKT | CMP | ADMINISTRATIVE | Exchange Company Circuit ID |
| ECCKT | CNF | ADMINISTRATIVE | Exchange Company Circuit ID |
| ECCKT | LINP | SERVICE DETAILS | Exchange Company Circuit ID |
| ECCKT | LOOP | SERVICE DETAILS | Exchange Company Circuit ID |
| ECCKT | RS | SERVICE DETAILS | Exchange Company Circuit ID |
| EU - BLDG | EU | ADMINISTRATIVE | End User - Building |
| EU - CITY | EU | ADMINISTRATIVE | End User - City |
| EU - FLOOR | EU | ADMINISTRATIVE | End User - Floor |
| EU - NAME | EU | ADMINISTRATIVE | End User - Name |
| EU - ROOM | EU | ADMINISTRATIVE | End User - Room |

| | | | |
|----------------|------|-----------------|--|
| EU - STATE | EU | ADMINISTRATIVE | End User - State |
| EU - STREET 1 | EU | ADMINISTRATIVE | End User - Street |
| EU - STREET 2 | EU | ADMINISTRATIVE | End User - Street |
| EU - ZIP CODE | EU | ADMINISTRATIVE | End User Zip Code |
| EUMI | EU | ADMINISTRATIVE | End User Moving Indicator |
| EXP | LSR | ADMINISTRATIVE | Expedite |
| FA | PORT | SERVICE DETAILS | Feature Activity |
| FA | RS | SERVICE DETAILS | Feature Activity |
| FB - BILLNM | EU | BILL | Final Bill Name (end user) |
| FB - CITY | EU | BILL | Final Bill - City |
| FB - FLOOR | EU | BILL | Final Bill - Floor |
| FB - ROOM | EU | BILL | Final Bill - Room |
| FB - SBILLNM | EU | BILL | Final Bill - Secondary Name |
| FB - STATE | EU | BILL | Final Bill - State |
| FB - STREET | EU | BILL | Final Bill - Street |
| FB - ZIP CODE | EU | BILL | Final Bill - Zip Code |
| FBCON | EU | BILL | Final Bill Contact Name |
| FBCON - TEL NO | EU | BILL | Final Bill Contact Telephone Number |
| FBI | EU | BILL | Final Bill Information |
| FDT | CMP | ADMINISTRATIVE | Frame Due Time |
| FDT | CNF | ADMINISTRATIVE | Frame Due Time |
| FEATURE | RS | SERVICE DETAILS | Feature Code |
| FEATURE | PORT | SERVICE DETAILS | Feature Code |
| FEATURE DETAIL | PORT | SERVICE DETAILS | Feature Detail |
| FEATURE DETAIL | RS | SERVICE DETAILS | Feature Detail |
| FPI | PORT | SERVICE DETAILS | Freeze PIC Indicator |
| FPI | RS | SERVICE DETAILS | Freeze PIC Indicator |
| HUNT GROUP ID | PORT | SERVICE DETAILS | Hunt Group Identification Number |
| HUNTING | RS | SERVICE DETAILS | Hunting |

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|-------------------------|------|-----------------|---|
| HUNTING | PORT | SERVICE DETAILS | Hunting |
| IMPCON | LSR | CONTACT | Implementation Contact Name |
| IMPCON - PAGER | LSR | CONTACT | Implementation Contact-Pager Number |
| IMPCON - TEL NO | LSR | CONTACT | Implementation Contact Telephone Number |
| INIT | LSR | CONTACT | Initiator-Name |
| INIT | CMP | ADMINISTRATIVE | Initiator-Name |
| INIT | CNF | ADMINISTRATIVE | Initiator-Name |
| INIT - CITY | LSR | CONTACT | Initiator-City |
| INIT - FAX NO | LSR | CONTACT | Initiator-Facsimile |
| INIT - FLOOR | LSR | CONTACT | Initiator-Floor |
| INIT - ROOM / MAIL STOP | LSR | CONTACT | Initiator-Room/Mail Stop |
| INIT - STATE | LSR | CONTACT | Initiator-State |
| INIT - STREET | LSR | CONTACT | Initiator-Street |
| INIT - TEL NO | LSR | CONTACT | Initiator-Telephone Number |
| INIT - TEL NO | CNF | ADMINISTRATIVE | Initiator-Telephone Number |
| INIT - TEL NO | CMP | ADMINISTRATIVE | Initiator-Telephone Number |
| INIT - ZIP CODE | LSR | CONTACT | Initiator-Zip Code |
| INPORD | CMP | ADMINISTRATIVE | Interim Number Port Order Number |
| INPORD | CNF | ADMINISTRATIVE | Interim Number Port Order Number |
| INPT | INP | SERVICE DETAILS | Interim Number Portability Type |
| INPT | LINP | SERVICE DETAILS | Interim Number Portability Type |
| INPTG | INP | SERVICE DETAILS | Interim Number Portability Trunk Group |
| INPTG | LINP | SERVICE DETAILS | Interim Number Portability Trunk Group |
| IWBAN | EU | INSIDE WIRE | Inside Wire Billing Account Number |
| IWCON - NAME | EU | INSIDE WIRE | Inside Wire Contact Name |

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|----------------------|------|-----------------|---|
| IWCON - TEL NO | EU | INSIDE WIRE | Inside Wire Contact Telephone Number |
| IWO | EU | INSIDE WIRE | Inside Wire Option |
| LA | DIR | DIRECTORY | Listed Address |
| LCON - NAME | EU | ADMINISTRATIVE | Local Contact Name |
| LCON - TEL NO | EU | ADMINISTRATIVE | Local Contact Telephone Number |
| LIST | DIR | DIRECTORY | Listed Name Code |
| LISTED NAME OVERFLOW | DIR | DIRECTORY | Listed Name Overflow - NOTE 1: THIS FIELD CAN APPEAR UP TO 12 TIMES FOR A TOTAL OF UP TO 420 CHARACTERS, DEPENDING ON THE LENGTH OF THE NAME. |
| LN | DIR | DIRECTORY | Listed Name |
| LNA | DIR | DIRECTORY | Line Activity |
| LNA | INP | SERVICE DETAILS | Line Activity |
| LNA | LINP | SERVICE DETAILS | Line Activity |
| LNA | LOOP | SERVICE DETAILS | Line Activity |
| LNA | PORT | SERVICE DETAILS | Line Activity |
| LNA | RS | SERVICE DETAILS | Line Activity |
| LNECLSSVC | PORT | SERVICE DETAILS | Line Level Class of Service |
| LNECLSSVC | RS | SERVICE DETAILS | Line Level Class of Service |
| LOCBAN | EU | BILL | Local Billing Account Number |
| LOCBAN | CNF | ADMINISTRATIVE | Local Billing Account Number |
| LOCBAN | CMP | ADMINISTRATIVE | Local Billing Account Number |
| L - ORD | CMP | ADMINISTRATIVE | Loop Order number |
| L - ORD | CNF | ADMINISTRATIVE | Loop Order number |
| LPIC | PORT | SERVICE DETAILS | IntraLATA Presubscription Indicator Code |
| LPIC | RS | SERVICE DETAILS | IntraLATA Primary Interexchange Carrier |
| LRN | INP | SERVICE DETAILS | Location Routing Number |
| LRN | LINP | SERVICE DETAILS | Location Routing Number |

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|------------------|------|-----------------|---|
| LSO | LSR | ADMINISTRATIVE | Local Serving Office |
| LSP AUTH | LSR | ADMINISTRATIVE | Local Service Provider Authorization |
| LSP AUTHNAME | LSR | ADMINISTRATIVE | Local Service Provider Authorization Name |
| LSPAUTH - DATE | LSR | ADMINISTRATIVE | Local Service Provider Authorization Date |
| LSPAUTHDATE - CC | LSR | ADMINISTRATIVE | Local Service Provider Authorization Century Code |
| LSR NO | LSR | ADMINISTRATIVE | Local Service Request Number |
| LSR NO | CNF | ADMINISTRATIVE | Local Service Request Number |
| LSR NO | CMP | ADMINISTRATIVE | Local Service Request Number |
| LST | LSR | ADMINISTRATIVE | Local Service Termination CLLI |
| NC | LSR | ADMINISTRATIVE | Network Channel Code |
| NCI | LSR | ADMINISTRATIVE | Network Channel Interface Code |
| NUM ST | RS | SERVICE DETAILS | Quantity of Stations Requested |
| ORD | CMP | ADMINISTRATIVE | Order Number |
| ORD | CNF | ADMINISTRATIVE | Order Number |
| ORD | PORT | SERVICE DETAILS | Order Number |
| OTN | CMP | ADMINISTRATIVE | Out/Old Telephone Number |
| OTN | CNF | ADMINISTRATIVE | Out/Old Telephone Number |
| OTN | PORT | SERVICE DETAILS | Out/Old Telephone Number |
| OTN | LOOP | SERVICE DETAILS | Telephone Number |
| OTN | RS | SERVICE DETAILS | Out Telephone Number |
| PIC | PORT | SERVICE DETAILS | InterLATA Presubscription Indicator Code |
| PIC | RS | SERVICE DETAILS | Primary Interexchange Carrier |
| PON | LSR | ADMINISTRATIVE | Purchase Order Number |
| PON | CNF | ADMINISTRATIVE | Purchase Order Number |
| PON | CMP | ADMINISTRATIVE | Purchase Order Number |
| PORTED | CMP | ADMINISTRATIVE | Ported Telephone Number |
| PORTED | CNF | ADMINISTRATIVE | Ported Telephone Number |

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|------------|------|-----------------|---|
| PROJECT | LSR | ADMINISTRATIVE | Project Identification |
| PULSE | PORT | SERVICE DETAILS | Type of Pulsing |
| PULSE | RS | SERVICE DETAILS | Pulsing |
| REFNUM | CNF | ADMINISTRATIVE | Reference Number |
| REFNUM | CMP | ADMINISTRATIVE | Reference Number |
| REFNUM | DIR | DIRECTORY | Reference Number |
| REFNUM | INP | SERVICE DETAILS | Reference Number |
| REFNUM | LINP | SERVICE DETAILS | Reference Number |
| REFNUM | PORT | SERVICE DETAILS | Reference Number |
| REFNUM | RS | SERVICE DETAILS | Reference Number |
| REFNUM | LOOP | SERVICE DETAILS | Reference Number |
| RELAY RACK | CMP | ADMINISTRATIVE | Relay Rack |
| RELAY RACK | CNF | ADMINISTRATIVE | Relay Rack |
| RELAY-RACK | LINP | SERVICE DETAILS | Relay Rack |
| RELAY-RACK | LOOP | SERVICE DETAILS | Relay Rack |
| REMARKS | LSR | CONTACT | Remarks |
| REMARKS | CNF | ADMINISTRATIVE | Remarks |
| REMARKS | CMP | ADMINISTRATIVE | Remarks |
| REP | CMP | ADMINISTRATIVE | Provider Contact Representative |
| REP | CNF | ADMINISTRATIVE | Provider Contact Representative |
| REP TEL NO | CMP | ADMINISTRATIVE | Provider Contact Representative Telephone Number |
| REP TEL NO | CNF | ADMINISTRATIVE | Provider Contact Representative Telephone Number |
| REQTYP | LSR | ADMINISTRATIVE | Requisition Type and Status |
| RORD | LSR | ADMINISTRATIVE | Related Order Number |
| RORD | CNF | ADMINISTRATIVE | Related Order Number |
| RORD | CMP | ADMINISTRATIVE | Related Order Number |
| RPON | LSR | ADMINISTRATIVE | Related Purchase Order Number |
| RTI | CMP | ADMINISTRATIVE | Route Index |
| RTI | CNF | ADMINISTRATIVE | Route Index |

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|-----------|------|-----------------|--|
| RTI | INP | SERVICE DETAILS | Route Index |
| RTI | LINP | SERVICE DETAILS | Route Index |
| RTR | LSR | ADMINISTRATIVE | Response Type Requested |
| SAN | LSR | ADMINISTRATIVE | Subscriber Authorization Number |
| SBILLNM | LSR | BILLING | Secondary Bill Name |
| SC | LSR | ADMINISTRATIVE | Service Center |
| SCA | LSR | ADMINISTRATIVE | Special Construction Authorization |
| SECNCI | LSR | ADMINISTRATIVE | Secondary Network Channel Interface |
| SHELF | CMP | ADMINISTRATIVE | Shelf |
| SHELF | CNF | ADMINISTRATIVE | Shelf |
| SHELF | LINP | SERVICE DETAILS | Shelf |
| SHELF | LOOP | SERVICE DETAILS | Shelf |
| SHELF | PORT | SERVICE DETAILS | Shelf |
| SIC CODE | DIR | DIRECTORY | SIC Code |
| SGNL | PORT | SERVICE DETAILS | Signaling |
| SGNL | RS | SERVICE DETAILS | Signaling |
| SLOT | CMP | ADMINISTRATIVE | Slot |
| SLOT | CNF | ADMINISTRATIVE | Slot |
| SLOT | LINP | SERVICE DETAILS | Slot |
| SLOT | LOOP | SERVICE DETAILS | Slot |
| SLOT | PORT | SERVICE DETAILS | Slot |
| SPEC | LSR | ADMINISTRATIVE | Service Product Enhancement Code |
| STATIONS | CNF | ADMINISTRATIVE | break |
| STATIONS | CMP | ADMINISTRATIVE | break |
| SUP | LSR | ADMINISTRATIVE | Supplement Type |
| SYSTEM ID | LINP | SERVICE DETAILS | System Identification |
| SYSTEM ID | LOOP | SERVICE DETAILS | System Identification |
| SYSTEM ID | PORT | SERVICE DETAILS | System Indicator |

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|------------------------|--------|-----------------|--|
| TBE | INP | SERVICE DETAILS | Toll Billing Exception |
| TBE | LINP | SERVICE DETAILS | Toll Billing Exception |
| TBE | PORT | SERVICE DETAILS | Toll Billing Exception |
| TBE | RS | SERVICE DETAILS | Toll Billing Exception |
| TC NAME - PRIMARY | INP | SERVICE DETAILS | Transfer of Calls To Primary Name |
| TC NAME - PRIMARY | LINP | SERVICE DETAILS | Transfer of Calls to Primary Name |
| TC NAME - PRIMARY | LOOP | SERVICE DETAILS | Transfer of calls to be referredwhen TC OPT is 81 |
| TC NAME - PRIMARY | PORT | SERVICE DETAILS | Transfer of Calls to Primary Name |
| TC NAME - PRIMARY | RS | SERVICE DETAILS | Transfer Call - Name Primary |
| TC NAME - SECONDARY | INP-17 | SERVICE DETAILS | Transfer of Calls To Secondary Name |
| TC NAME - SECONDARY | LINP | SERVICE DETAILS | Transfer of Calls To Secondary Name |
| TC NAME - SECONDARY | LOOP | SERVICE DETAILS | Transfer of Calls To Secondary Name |
| TC NAME - SECONDARY | PORT | SERVICE DETAILS | Transfer of Calls To Secondary Name |
| TC NAME - SECONDARY | RS | SERVICE DETAILS | Transfer Call - Name Secondary |
| TC OPT | INP | SERVICE DETAILS | Transfer of Calls Options |
| TC OPT | LINP | SERVICE DETAILS | Transfer of Calls Options |
| TC OPT | LOOP | SERVICE DETAILS | Transfer of Calls Options |
| TC OPT | PORT | SERVICE DETAILS | Transfer of Calls Options |
| TC OPT | RS | SERVICE DETAILS | Transfer Call Options |
| TC PER | RS | SERVICE DETAILS | Transfer Call Period |
| TC PER - CC | INP | SERVICE DETAILS | Transfer of Calls Period Century Code |
| TC PER - CC | LINP | SERVICE DETAILS | Transfer of Calls Period Century |
| TC PER - CC | LOOP | SERVICE DETAILS | Transfer of Calls Period Century |

| | | | |
|------------------|------|-----------------|---------------------------------------|
| TC PER - CC | PORT | SERVICE DETAILS | Transfer of Calls Period Century |
| TC PER - CC | RS | SERVICE DETAILS | Transfer Call Century Code |
| TC PER - DATE | INP | SERVICE DETAILS | Transfer of Calls Period Date |
| TC PER - DATE | LINP | SERVICE DETAILS | Transfer of Calls Period Date |
| TC PER - DATE | LOOP | SERVICE DETAILS | Transfer of calls Period Date |
| TC PER - DATE | PORT | SERVICE DETAILS | Transfer of Calls Period Date |
| TCTO - PRIMARY | INP | SERVICE DETAILS | Transfer of Calls To Primary Number |
| TCTO - PRIMARY | LINP | SERVICE DETAILS | Transfer of Calls to Primary Number |
| TCTO - PRIMARY | LOOP | SERVICE DETAILS | Transfer of Calls to Primary Number |
| TCTO - PRIMARY | RS | SERVICE DETAILS | Transfer Call to -Primary |
| TCTO - SECONDARY | INP | SERVICE DETAILS | Transfer of Calls To Secondary Number |
| TCTO - SECONDARY | LINP | SERVICE DETAILS | Transfer of Calls to Secondary Number |
| TCTO - SECONDARY | LOOP | SERVICE DETAILS | Transfer of Calls to Secondary Number |
| TCTO - SECONDARY | RS | SERVICE DETAILS | Transfer of Calls to Secondary Number |
| TDT | INP | SERVICE DETAILS | Ten Digit Trigger |
| TDT | LINP | SERVICE DETAILS | Ten Digit Trigger |
| TE | LSR | BILLING | Tax Exemption |
| TER | CMP | SERVICE DETAILS | Terminal Number |
| TER | CNF | SERVICE DETAILS | Terminal Number |
| TER | LOOP | SERVICE DETAILS | Terminal Number |
| TER | PORT | SERVICE DETAILS | Terminal Number |
| TER | RS | SERVICE DETAILS | Terminal Number |
| TN (Ported) | CMP | ADMINISTRATIVE | Telephone Number (Ported) |
| TN (Ported) | CNF | ADMINISTRATIVE | Telephone Number (Ported) |
| TN (Ported) | INP | SERVICE DETAILS | Telephone Number (Ported) |
| TN | CMP | SERVICE DETAILS | Telephone Number |

| | | | |
|-----------|------|-----------------|--|
| TN | CNF | SERVICE DETAILS | Telephone Number |
| TN | DIR | DIRECTORY | Telephone Number |
| TN | LINP | SERVICE DETAILS | Telephone Number |
| TN | LOOP | SERVICE DETAILS | Telephone Number |
| TN | PORT | SERVICE DETAILS | Telephone Number |
| TN | RS | SERVICE DETAILS | Telephone Number |
| TNP | INP | SERVICE DETAILS | Total Number of Paths |
| TNP | LINP | SERVICE DETAILS | Total Number of Paths |
| TOS | LSR | ADMINISTRATIVE | Type of Service |
| TSP | LSR | ADMINISTRATIVE | Telecommunications Service Priority |
| VER | CNF | ADMINISTRATIVE | Version Identification |
| VER | CMP | ADMINISTRATIVE | Version Identification |
| VER | LSR | ADMINISTRATIVE | Version Identification |
| VT A | LSR | BILLING | Variable Term Agreement |
| VT A DESC | LSR | BILLING | Variable Term Agreement Description |
| WPQTY | DIR | DIRECTORY | Quantity of White Page Books |
| YPH | DIR | DIRECTORY | Yellow Page Heading Code |
| YPQTY | DIR | DIRECTORY | Quantity of Yellow Page Books |